

What is Claimed is:

1. A method for synthesizing the singing voice comprising:

an analyzing step of analyzing performance data as the musical information of the pitch, duration and the lyric;

a singing voice generating step of generating the singing voice based on the music information analyzed; and

a music sound generating step of generating the music sound, as an accompaniment of said singing voice, based on said performance data.

2. The method for synthesizing the singing voice according to claim 1, wherein said performance data is performance data of a MIDI file.

3. The method for synthesizing the singing voice according to claim 1, wherein said music sound generating step mutes the music sound pertaining to a portion of the performance data to which said singing voice is accorded.

4. The method for synthesizing the singing voice according to claim 2, wherein said music sound generating step mutes the music sound pertaining to a portion of the performance data for a track designated in advance.

5. The method for synthesizing the singing voice according to claim 1, wherein said music sound generating step reproduces the music sound pertaining to a portion of the performance data, to which said singing voice is accorded, with the sound volume smaller than the sound volume of said singing voice.

6. The method for synthesizing the singing voice according to claim 1, further

including a mixing step of mixing said singing voice to the music sound as the singing voice is synchronized to the music sound.

7. The method for synthesizing the singing voice according to claim 6, wherein the mixing step in mixing said singing voice from said singing voice generating step and said music sound from said music sound generating step formulates the waveform of the singing voice and the waveform of the music sound in advance and mixes the waveforms together.

8. An apparatus for synthesizing the singing voice comprising:

analyzing means for analyzing performance data as the musical information of the pitch, duration and the lyric;

singing voice generating means for generating the singing voice based on the music information analyzed; and

music sound generating means for generating the music sound, as an accompaniment of said singing voice, based on said performance data.

9. The apparatus for synthesizing the singing voice according to claim 8, wherein said performance data is performance data of a MIDI file.

10. The apparatus for synthesizing the singing voice according to claim 8, wherein said music sound generating means mutes the music sound pertaining to a portion of the performance data to which said singing voice is accorded.

11. The apparatus for synthesizing the singing voice according to claim 8, wherein said music sound generating means reproduces the music sound pertaining

to a portion of the performance data, to which said singing voice is accorded, with a sound volume smaller than the sound volume of said singing voice.

12. The apparatus for synthesizing the singing voice according to claim 8, further including mixing means for mixing said singing voice to the music sound as the singing voice is synchronized to the music sound.

13. A program for having a computer execute preset processing comprising:

an analyzing step of analyzing performance data as the musical information of the pitch, duration and the lyric;

a singing voice generating step of generating the singing voice based on the music information analyzed; and

a music sound generating step of generating the music sound, as an accompaniment of said singing voice, based on said performance data.

14. The program according to claim 13, wherein said performance data is performance data of a MIDI file.

15. The program according to claim 13, further including a mixing step of mixing said singing voice to the music sound as the singing voice is synchronized to the music sound.

16. A computer-readable recording medium having recorded thereon a program configured for having a computer execute preset processing, said program comprising:

an analyzing step of analyzing performance data as the musical information

of the pitch, duration and the lyric;

a singing voice generating step of generating the singing voice based on the music information analyzed; and

a music sound generating step of generating the music sound, as an accompaniment of said singing voice, based on said performance data.

17. The recording medium according to claim 16, wherein said performance data is performance data of a MIDI file.

18. The recording medium according to claim 16, further including a mixing step of mixing said singing voice to the music sound as the singing voice is synchronized to the music sound.

19. An autonomous robot apparatus for performing movements based in the input information supplied thereto, comprising:

analyzing means for analyzing input performance data as the musical information of the pitch, duration and the lyric;

singing voice generating means for generating the singing voice based on the music information analyzed; and

music sound generating means for generating the music sound, as an accompaniment of said singing voice, based on said performance data.

20. The autonomous robot apparatus according to claim 19, wherein said performance data is performance data of a MIDI file.

21. The autonomous robot apparatus according to claim 20, further including

mixing means for mixing said singing voice to the music sound as the singing voice is synchronized to the music sound.